#### Figure 1: 121P1F1 SSH sequence of 254 nucleotides (SEQ ID: 1 )

1 GATDADAGTO TITGTATITI TOTACTICTO COTTIAGOTG TICCCTTIGG TOTCGAAGTG
5 61 AAGAAGITO TITTGÖTAGO DIGGITOGOT CITCCGITTO ACATOGGODA ATTIIAGOTT
1.31 IOTDAAIGIT TITTITTAGG DIIGGAAGCT TITGADITOD CIDAGACAAD TGAGATTOCA
1.41 GAAGOTODAA OTTAIGITTO DIIGGAAGAA GAGOTIIAGI TGGAAAAGGO CAAIAATAAT
241 IAGAAGTOD GATO

10

#### Figure 2: The cDNA and Amino Acid Sequence(s)

Figure 2A. The cDNA (SEQ ID. NO.: 2 ) and amino acid sequence (SEQ ID. NO.: 3

121P1F1. The start methionine is underlined. The open reading frame extends from nucleic acid 82-699 including the stop codon.

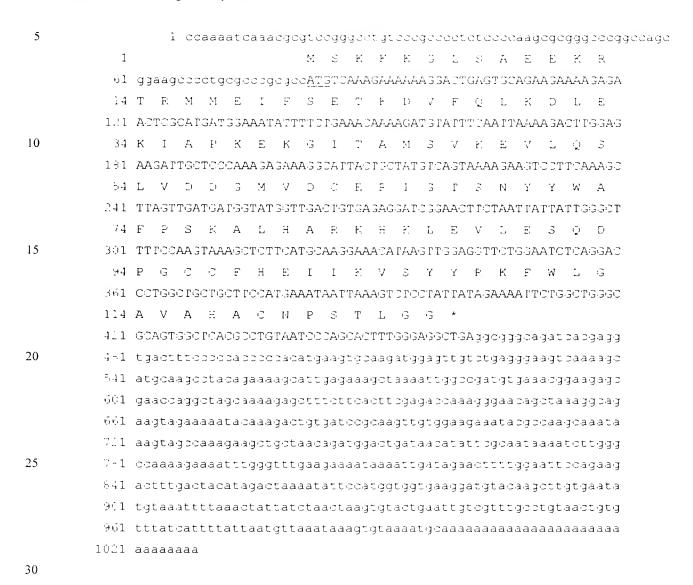
1 ccaaaatcaaacqcqtccqqqcctqtcccqcccttctccccaaqcqcqqqccqqqccaqc

) of

1 M S K K K G L S A E E K R 61 gga agococt gog so og eg s cATGTCAAAGAAAAAGGACTGA STGCAGAAGAAAAGAGA 20 R M M E I F S E T K D V F Q L K D L 101 ACTOGCATGATGGAAATATTTTCTGAAACAAAGATATTTTCAATTAAAAGACTTGGAG I A P K E E G I T A M S V K E V L Q 1%1 AAGATTSCTCCCAAAGASAAASSCATFACTGCTATGTCAGTAAAAGAAGTCCTTCAAAGC V D D G M V D D E E I G T S N Y Y W A 25 241 TTAGTT PATGATGGTATS PTTGACTG PGAGAGGATGGGAACTTGTAAT PAT PATTGGGGCT P 3 K A L H A R K H E L E V L E S Q 301 TTTCCAAGTAAAGCTCTTCAYSCAAGGAAACATAAGTPGGAGGPTCTGGAATCTCAGTTG SEQKHASIQESIEKAKI 301 TOTGAGGGAAGTCAAAAGTATGGAAGCCTACAGAAAAGCATTGAGAAAGCTAAAATTGGC 30 ETEERTELAFELS 401 OGATGTGAAAOGGAAGAGTGAACCAGGCTAGCAAAAGAGCTTFCTTCACTTCGAGACACCAA V Q S C C C R R B V B A S Q C 4%1 AGGGAADAGCTAAAGGCAGAAGTAGAAAAATACAAAGACTGTGATCCGCAACTTGTAGAA EQANKVAKEAANE 35 541 GAAATAGGCCAAGCAAATAAAGTAGCCAAAGAAGCTGCTAACAGATGGACTGATAACATA IKSWAKFRGFEENKI #6.1 TTCGCAATAAAATCTTGGGCCAAAAGAAAATTTCGGTTTGAAGAAAATAAAATTGATAGA 194 T F G I F E P F D Y %e1 ACTTTTGGAATTCCAGAAGACTTTGACTACATAGACTAAAatattccatggtggtgaagg 40 

- 781 togtttgcctgtäactgtgtttatcattttättäätgttääätääägtgtäääätgcaää
- 841 aaaaaaaaaaaaaaaaaaaaaaa

Figure 2B. The cDNA (SEQ ID. NO.: 4 ) and amino acid sequence (SEQ ID. NO.: 5 ) of 121P1F1 splice variant 1A. The start methionine is underlined. The open reading frame extends from nucleic acid 82-462 including the stop codon.



30

Figure 2C. The cDNA (SEQ ID. NO. : 6 ) and amino acid sequence (SEQ ID. NO. :

) of 121P1F1 splice variant 1B. The start methionine is underlined. The open reading frame extends from nucleic acid 501-860 including the stop codon.

5	1	ccas	aat	caa	acg	cgt	ccg	ggc	ctg	tac	cai	3000	stět	. ಆತರ	caa	gag	cgg	gad	cago	300a	ge
	61	ggas	agco	cat	gog	300	gog	cca	tgt	CEE	a di di	adäd	aaaç	jg a c	tga	gtg	cag	аа	ja a :	aga	ıya
	1.:1	acto	gca	tga	tgg	aaa	tat	ttt	atg	аäз	i Ca	aaaq	yatq	tat	tto	aat	taa	аа	jac:	itgş	јад
	131	aaga	ittg	sta	зза	aag	ада	аад	gca	t t .a	ast	guti	atgt	сад	t a a	aag	aag	too	tt.	caas	ga
	241	ttag	gttg	atg	atg	gt.a	tgg	ttg	act	gtg	јац	ijj:	atõg	Jaa	ctt	cta	att	at t	att	999	jet
10	301	ttt	сзаа	gta	aag	ete	tto	atg	саа	gja	a a a	cat:	aagt	tgg	a g·g	tto	tąg	aat	ct	ca gę	ja:
	361	aatg	get	got	get	tac	atg.	a a a	taa	tta	i a a i	gtet	teet	att	ata	gaa	aat	tet	.gg:	etge	jg:
	4.11	gdag	ıtgg	otic.	alog	bot	gta	at.o	cca	gca	131	t t g	ggag	get	gag	gog	gge	aga	itai	a og s	ıgg
	1							M	К	C	20	.v	Ξ		5	E	-3	S	ıΩ	К	Η
	481	tgad	ettt	000	сса	000	oda.	ċΑΤ·	GAA	GT 3	CAJ	AGA".	rigigA	GTT	GTC	ТGА	GGG	AA:	TOA	\AAA	vG:C
15	15	A	3		ıΩ	K	3	-	– E	K	F.	K	Ι	3	F.	C	Ξ	Т	E	E	Ξ.
	541	ATGO	CAAG	CCT	ACA	GAA	AAG	CAT'	тgа	GAA	.AG	C'FAA	l'aaf	TGG	OOG	ATG	ТЗА	AAC	GGA	\AG.A	∆iGi∂
	35	Т	F.	L	А	K	E	L	3	S	L	<b>P</b> .	[)	0	R	E	Q)	L	K	Ā	E
	601	GAAC	CAG	GCT	AGC.	AAA	AGA	GCT'	TTC	TTO	:AC'	רים יוים מים יוים	SAGA	.CCA	AAG	GGA	ACA	GCT	'AAA	AGGC	:A:G
	5.5	V	Ξ	K	Υ	К	Э	C	<b>D</b> )	P	()	٠,٠	.,	Ε	Ξ	I	F.	(_)	A	М	K
20		AAGT	'AGA	AAA.	АТА	CAA	- AGA:	ر <del>ان</del> (تارات) ا			-		רביתי		AGA	ТАА	ACG	oca Oca	AGC	:AAA	ATA
	75	V		 K	E	A	А	N	Ē.	W	η.	£1	N	ī	F	A	I	k.	3	W	A
		AAGT		-										-			тед		-		
	÷5	. Б. Б.	E.	K	F	3	F	Ξ	E		r F	Ι		. J. 11 R	т	F	G	1	P.	E	יניני, ב
	781	CCAA			_	-	_								-		_	٠	_		
25	115	F	D	. u u u	I	D D	*	1 3/1	1.01.1			# M 1 1	LIGH				1 3.3		15.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		ACTT	_	-	_	_		7 2 2 .	<del>-</del>	+ .~.~		aat:	ana tun	יה ה ה	~ ~ <del>~</del>	ato		.~r.~~+	+.~+	ב בידו.	ıts
		tgta																			
		ttta			Lat	caa:	igt.	Laa	ata	aag	leat	_aaa	aatg	Jaa	ааа	aaa	aaa	aaa	ıddi	ıaaa	ıdd
	1021	aaaa	aaa	a																	

### Figure 2D. The cDNA (SEQ ID. NO.: S) and amino acid sequence (SEQ ID. NO.:

) of 121P1F1 splice variant 2. The start methionine is underlined. The open reading frame extends from nucleic acid 82-450 including the stop codon.

5	1		caa	aato	aaa	ega	gtJ	ccgg	gad	tgt	.00.	â.,	e e e	öta	300	aag	aga	ggg	000	gge	cage
	1								М	S	K	ř.	K	G	L	S	A	[2]	[£]	K	R
	·61	. g	gaa	geed	ctç	paga	ccg	jege	cAT	'GTC	:AAA	GALA	AAA	.AGG	ACT	G.A.G	TGC	AGA	A:GA	ААА	GAGA
	14	Т	R	М	Μ	E	I	F	3	E	T	F.	D	V	F	Ç	L	К	С	L	E
	121	F	CTC	GCAI	`GAT	'G BA	AAT	'ATT	ТГС	TGA	.AAC	AAA	AGA	TGT	АГТ	TCA	ATT	A.A.A	A·3A	СГТ	3GA 3
10	3.4	ŀ.	I	A	P	ĸ	E	K	3	I	T	F.	М	S	$\vee$	К	Ε	$\checkmark$		ڔ	3
	131	Į.	AGA:	rtge	TCC	CAA	AGA	GAA	АЗЗ	CAI	TAC	TOO	TAT	Gro	АЭT	AAA	AGA	A:3T	ССТ	ТСА	AA-G C
	54	L	V	C	D	3	М	ſ,	С	С	Ε	£.	Ι	G	Γ	3	N	Y	Υ	$\mathcal{N}_{\mathbf{I}}$	А
	241	T.	TAGT	гтза	TGA	.T·33	TAT	'GGT	T-3A	СТЗ	TGA	GA 3	GAT	DG 3	AAC	TTC	TAA	тта	ТТА	TTG	GGCT
	7.4	F	Ρ	(2)	ĸ	Ą	L	Н	А	R	K	H	K	L	[:]	$\checkmark$		[2]	S	٠2	1
15	301	Т	TTC	CAAG	TAA	A.G.C	ТСТ	тса	TGC	AA.3	GAA	A::A	TAA	GTT	GGA	GGT	тст	GGA	ATC	TCA	GTTG
	44	S	Ξ	3	S	Q	K	Н	А	S	L	<u>,</u>	K	S	Ι	(F)	K	А	K	Ι	G
	361	Т	CTGA	\GGG	AAG	TCA	AAA	.GCA	TIGIC	AAG	CCT	ACA	GAA	AAG	CAT	TGA	GAA	AGC	TAA	AAT	TGGC
	114	F	C	Ξ	Т	А	K	Q	I	K	*										
	421	C	GAT0	STGA	AAC	GGC	CAA	.GCA	AAT.	AAA	GTA	Gaa	aaa	gaa	gct	get	aac	aga	tgg	act	gata
20	481	æ	cata	itto	gca	ata	aaa	tot	tgg	gcc	aaa	aga	aaa	ttt	<b>3</b> 99	ttt	gaa	gaa	aat	ааа	attg
	5:1	æ	taga	act	ttt	gga	att	оса	gaa	gac	ttt	gac	tac	ata	gac	taa	aat	att	сса	tgg	tggt
	601	ġ	aago	gatg	tac	aag	ctt	gtg	aat.	atg	taa	att	tta	aac	tat	tat	cta	act	aag	tgt	actg
	661	а	attg	jtog	ttt	gcc	tgt	aac	tgt	gtt	tat	cat	ttt	att	aat	gtta	aaa	taa	agt	gta	aaat
	711	g	caaa	aaa	aaa	aaa.	aaa	aaa	aaa	aaa	aaa	aaa									

Figure 2E. The cDNA (SEQ ID. NO.: 10 ) and amino acid sequence (SEQ ID. NO.: 11 ) of 121P1F1 splice variant 3. The start methionine is underlined. The open reading frame extends from nucleic acid 82-654 including the stop codon.

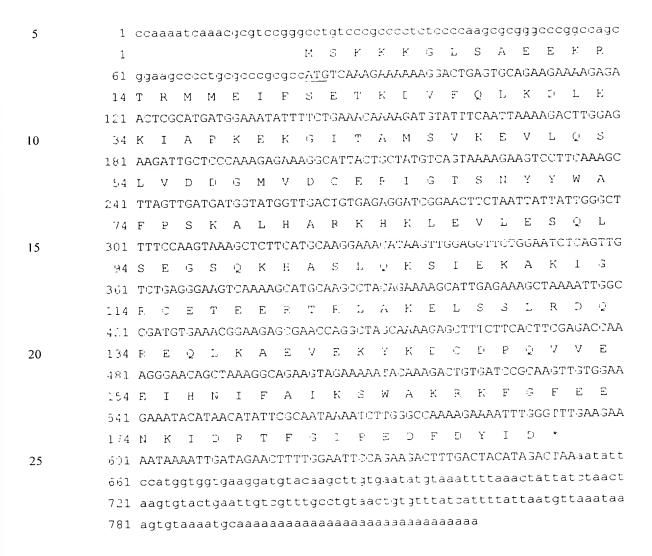


Figure 2F. The cDNA (SEQ ID. NO.: 12 ) and amino acid sequence (SEQ ID. NO.: 13 ) of 121P1F1 splice variant 4. The start methionine is underlined. The open reading frame extends from nucleic acid 281-853 including the stor codon.

1 gttttctgtattgtaatatgtagagcacatt@:agaactgctcagtttcgagttacctaa 5 01 tggatottcactgtgtgccanttagtogatttctgtgaaaacgcoccggtttctgccaaa 121 gggcaggagtogot jotottytgbogggtgotgotggttgttgtagggogotgttgtttt 101 thaaggaogetom, actgaatmaggetteenngtgggtbangatcaqttaagtestgte M M E I F S E 1 241 aaagaaaaaggir.gagtgcagaagaaaagagaactcgcATGATGGAAATATTTTCTGA 10 T K D V & Q L F D L E E I A F E 301 AACAAAAGATG ATTTCAATTAAAAGACTTGDAGAAGATTGDTCCCAAAGAGAAAABBDAT TAMBVFEVLQELVDEG 361 TACTGCTA " 1 NGTAMAAGAAGTCCTTCAAAGCTTAGTTGATGATGATGATGGTTGACTG EFTGTWWW.KFPEEKA 15 401 TGAGAG - FICG BAACTTOTAATTATTATTGGGOTTTTCCAAGTAAAGCTCTTCATGCAAG 451 GAAA ATAAGTTGGAGGTTCTGGAATCTCAGTTGTCTGAGGGAAAGTCAAAAGCATGCAAG L Q K S I E F A F I G F I E T 541 CUTACAGAAAACCATT JAGAAA BOTAAAATTOGOCGATGTGAAAACGGAAGAGCBAACCAG 20 10. LAKELSSLRIQREQLE  $\leftarrow$  \_ GCTAGCAAAAG. GCTTTCTTCAGTTCGAGACGAAAGGGAAGAGCTAAAGGCAGAAGTAGA EXEDIDED V V E E I F Q A N K V A F61 AAAATACAAWACTGTGATOOGCAWITIJTGGAAGAAATACGCCAAGCAAATAAAGTAGC EEAANRWTDUIFAIKSWAFF 25 721 CAAAGAA MITGOTAACAGATGGACT GATAACATATTCGCAATAAAATCTT GGGCCAAAAG K F G T E E N K I D K T F D I P E D F 781 AAAATTT 3GGTTTGAAGAAATAAAATT 3ATAGAACTTTTUGAATTUCAGAAGAUTTTGA \*41 CTACATAGACTAAaatatt:catggtggtgaaggatgtacaagctt;tgaatatgtaaat 30 901 tittaaactaitafotaactaaqtgtactjaattgtogtttqootgtaactgtgtt\*atca 461 tottattaatg: Jaaataasgtgtsaaaatgdsgstgttottoacocstottggtsgsaca 1921 aaagsaggat wataassatatossisedagtystsatsaaaaytagga sastaaaaatssat 1.31 obatotca: posasagtogagoggoogogaatttagtagtagtagtggoogotots jagga 1:41 tecaagettiegtaegegtgeatgegaegteatagetettetatagtgteacetaaatte 35 1201 aagtt

<u>Figure</u>	
	gure 3A. Amino acid sequence of 121P1F1 (SEQ ID. NO. : 14 ). The 121P1F1 protein has 205 a mino
acids.	
	MSKKKGLSAE EKRTRMMEIF SETKEVFQLK DLEKIAPKEK GITAMSVKEV LQSLVDDGMV
	DCERIGTSNY YWAFPSKALH ARKHKLEVLE SQLSEGSQKH ASLQKSIEKA KIGRCETEES.
	TRLAKELSSL REQREQLKAE VEKYFDCDPQ VVEEIRQANK VAKEAANRWT DNIFAIKSWA
	KRKFGFEENK IDFTFGIPED FDYID
	gure 3B. Amino acid sequence of 121P1F1 splice variant 1A (SEQ 1D. NO. : 15 ). The 121P1F
splice v	nt 1A protein has 126 amino acids.
	MSKKKBLSAE EKFTRMMEIF SETKDVFQLK DLEKIAPKEK GITAMSVKEV LQSLVDEGMV
	DCEFIGTSNY YWAFPSKALH ARKHKLEVLE SQDPGCCFHE IIKVSYYRKF WLGAVAHACN
	PSTLG3
	gure 3C. Amino acid sequence of 121P1F1 splice variant 1B (SEQ ID. NO. : 16 ). The 121P1F
splice v	nt 1B protein has 119 amino acids.
	MKCKMELSEG SQKHASLQKS IEKAKIGRCE TEERTFLAKE LSSLREDREQ LKAEVEKYKD
	CDPQVVEEIR QANKVAKEAA NRWTDNIFAI KSWAKEKFGF EENKIDRTFG IPEDFDYID
	gure 3D. Amino acid sequence of 121P1F1 splice variant 2 (SEQ 1D. NO. : 17 ). The 121P1F1 spli
variant	rotein has 122 amino acids.

- 1 MSKKKGLSAE EKRTRMMEIF SETKDVFQLK DLEKIAPKEK GITAMSVKEV LQSLVDDGMV
- 61 DCERIGTSNY YWAFPSKALH ARKHKLEVLE SQLSEGSQKH ASLQKSIEKA KIGRCETAKQ
- 121 IK

Figure 3E. Amino acid sequence of 121P1F1 splice variant 3 (SEQ ID. NO. : 18 ). The 121P1F1 splice variant 3 protein has 190 amino acids.

1 MSKKKGLSAE EKRTPMMEIF SETHDVFQLK DLEKIAPKEK GITAMSVKEV LQSLVDEGMV

61 DCERIGTSNY YWAFFSKALH ARKHELEVLE SQLSEGSQKH ASLQKSIEKA KIGRCETEER

121 TRLAKELSSL RDQREQLKAE VEKYEDODPQ VVEEIHNIFA IKSWAKFKFG FEENKIERTF

181 GIPEDFDYIL

10

15

5

Figure 3F. Amino acid sequence of 121P1F1 splice variant 4 (SEQ ID. NO. : 19 ). The 121P1F1 splice variant 4 protein has 190 amino acids.

1 MMEIFSETKI VFQLKDIÆKI AFKEKGITAM SVKEVLQSLV DDGMVDCERI GTSNYYWAFP

61 SKALHAFRHF LEVLESQLSE GSQKHASLQK SIEKAKIGRC ETEERTFLAK ELSSLRDQRE

121 QLKAEVEKYK DCDPQVVEEI RQANKVAKEA ANRWTDNIFA IKSWAKFKFG FEENKIDETF

181 GIPEDFDYID

35

### Figure 4A

#### Amino Acid Alignments.

5 Alignment of 121P1F1 protein and its variants.

```
A) CLUSTAL W alignment of 121P1F1 and variants 1-3. (N) () (1) NO x 3, 5, 7, 9 and 11))
```

```
------MSKKKGLSAEEKRTRMMEIFSETKDVFÇLKDLEKIAPKEKGITAMSVKE
10
    121F1F01
                   ------MSFFFGLSAEEFFTFMMEIFSETFEVFQLFELEFIAPFEFGITAMSVFE
    sv1A
                  -----MKCYMELSEGSQKHASLQKSIEKAFIGFCETEEFTFLAKELSSLFLQFE
    svlH
                  -----MSMFFGLSAEEFFTFMMEIFSETFEVFGLFDLEFIAFFEFGITAMSVFE
    s:-:
                  -----MSFFFGLSAEEFFTFMMEIFSETFIVFGLFFLEFTAFFEFGITAMSVFE
    sv = 3
15
                  VLQSLVDEGMVEGEFIGTSNYYWAFFSKALHAPKHKLEVLESGLSEGSGK-HASLGKS-I
    1::1F1F01
                  VLQSLVDEGMVDGEFIGTSNYYWAFFSFALHAPFHFLEVLESQDP-GCCF-HEIIFVSYY
    sv1A
                  QLFAEVEK-YKDCDIQVVEEIRQANFVAKEAANEWTDNIFAIKSWAKEFFGFEENFID--
    sv1B
                  VLOSLVEDGMVDCEFIGTSNYYWAFFSFALHAFFHFLEVLESQLSEGSQF-HASLQKS-I
    sv-1
                  VLQSLVDDGMVDCEFIGTSNYYWAFFSKALHAFKHYLEVLESQLSEGS(Y-HASLQKS-1
20
    5-1-14
                  EMAKIGECETEEFTH LAKELSSLEDCRECTKAEVERYMOCDPQVVEEIFQANKVAHEAAN
    1211:1F01
                  FYFWLGAVAHACNPSTLGG------
    sv1A
                  F1 FGI PEDFDYI D-----
    svlb
                  EMAKIGECETAKQIM-----
25
    sv-1
                  EFAMIGECETEERTELAKELSSEEDQREQLKAEVEHYHDCDPQVVEEIHNIFAIKSWAKE
    s. - :
                  FWTDNIFAIKSWAKEKFGFEENKIDETFGIPEDFDYID
    1.21 P1 F01
    svlA
30
    sv1B
    s7-2
                  MFGFEENKIDETFGIPEDFDYID------
    sv-3
```

#### Figure 4B

## Clustal alignment of 121P1F1 and variants 1A and 4 (SEQ ID No. 3, 13 and 50)

# Figure 4C

5	<u>21)</u>	= 205/205 (100%), Positives = 205/205 (100%)	(SEQ ID NO
	121P1: 1	MSFFFGLSAEEFFTPMMEIFSETKDVFQLKDLEKIAPKEKGITAMSVKEVLQSLVDDGMV MSFFFGLSAEEFFTFMMEIFSETKDVFQLFDLEKIAPKEKGITAMSVFEVLQSLVDDGMV	60
10	Shjct: 1		60
	1:1P1: 6:	DCEFIGTSNYYWAFFSKALHAPKHKLEVLESÇLSEGSÇKHASLQKSIEKAKIGFCETEEF. DCEFIGTSNYYWAFFSKALHAFKHKLEVLESÇLSEGSÇKHASLQKSIEKAKIGFCETEEF.	120
	Sbjct: 6	FCEF.1GTSNY:WAFPSKALHAFFHFLEVLESCLSEGSCKHASLCKS1EKAF1GFCETEEF.	120
15	121Pl: 1	21 TF LAKELSSLFDGFEGLKAEVEKYKDODFQVVEETF QANKVAKEAANEWTDNIFATKSWA TF LAKELSSLKDGFEGLKAEVEKYKDODFQVVEETF QANKVAKEAANEWTDNIFATKSWA	130
	Sbjct: 1	21 TPLAKELSSLPDQREQLKAEVERYFDCDPQVVEEIRQANKVAKEAANRWTDNIFAIKSWA	180
20		31 KPKFGFEENKIDFTFGIPEDFDYID 205 KFKFGFEENKIDETFGIPEDFDYID	
	Sbjct: 1	31 KFKFGFEERKIDETF SIPEDFDYID 205	

## Figure 4D

# D) Alignment of (2 (P) F and variant (SEQ ID NO 22) with closest mouse homolog, a hypothetical 24.2 KDa protein. (SEQ ID NO 23) Identities = 183/205 (89%), Positives = 193/205 (93%)

5

	121P1:	1	MSKKKGLSAEEKRTRMMEIFSETKUVFQLKLLEFIAFKEKGITAMSVKEVLQSLVDDGMV MSKK+GLS EEKRTRMMEIF ETKDVFQLKLLEK+AFKEKGITAMSVKEVLQSLVDDGMV	فان
10	Sbjet:	:	MSKKFGLSGEEKKTRMMEIFFETKDVFQLKILEKLAPKEKGITAMSVKEVLQSLVDDGMV	60
	121P1:	61	DCERIGTSNYYWAFPSKALHARKHKLEVLESQLSEGSQKHASLQKSIEKAKIGRCETEER DCERIGTSNYYWAFPSKALHARK KLE L SQLSEGSQKHA LQKSIEKA++GR ETEER	120
	Skjct:	61	DCERIGISNYYWAFPSKALHAFKRKLEALNSQLSEGSQKHADLQKSIEKARVGRQETEER	120
15	121P1:	121	TFIAKELSSLROCRECTKAEVEKYKOCOPOVVEEIRQANKVAKEAANFWTONIFAIKSWA	180
	Sbjct:	121	LAKEL S F.DOR+OLKAEVEKY++CDPQVVEEIR+ANKVAKEAANFWTDNIFAIKSWA AMLAKELFSFEDORQOLKAEVEKYRECDPQVVEEIREANKVAKEAANFWTDNIFAIKSWA	180
	121P1:	181	FERFGFEENKIDFTFGIPEDFDYID 205	
20	Sbjct:	181	KEKEGFEE+KID+ FGIPEDFDYID KEKEGFEESKIDKNEGIPEDFDYID 205	

# Figure 4E

5	with>gi 213A11. gi 749 (Schiz gi 98 [Schiz	ent of (2)PTF (and variant (NEQTD NO) 2);  1175412 sp(Q09739:YA53_SCHFO HYPOTHETICAL 24.2 KD PROTEIN  03 IN CHROMOSOME I :  6680 pir .137610 hypotherical coiled-coil protein - fission yeast csaccharcmyces pombe)  4224 enb(CAA90804.1- (Z54096) hypothetical coiled-coil protein csaccharcmyces pombe)  Length = 110
		121 bits (305), Expect = $5e-27$ es = $81/200$ (40%), Positives = $115/202$ (56%), Gaps = $6/202$ (2%)
15		KGLSAEERFTFMMEIFSETHDVFQLFDLEKIAPKEKGITAMSVKEVLQSLVDDGMVDCER 64
13		KGLS EKF F+ IF ++KD FQLF++EK+ F K I +VK+VLQSLVDD +V E+
	Sbjot: 4	KSLSLAEKFRFLEAIFHDSKDFFQLKEVEKLGSK-KQIVLQTVKDVLQSLVDDNIVKTEK 6.2
20	Query: 65	IGTSNYYWAPPSKALHARKHKLEVLESQLSEGSQKHASLQKSTEKAKIGRCETEER 120 IGTSNYYW+FFS A +F+ L L++QL + QK +L ++T K F E +
20	Sbjet: 63	DGTSNYYWSPESDARRSRESVLGSLCAQLDDLKQKSKTLDENISFERSKRDNEGTENDAN 122
	Query: 121	TPLAKELSSLFDQREQLKAEVEKYKDCDPQVVEEIRQANKVAKEAANRWTDNIFAIKSWA 180 + L + + + LK ++ C+P+ E + K EAAN WTD I + ++
25	Sbjot: 123	QYTLELLHAKESELKLLKTQLSNLNHCNPETFELKNENTKKYMEAANLWTDQIHTLIAFC 132
	Query: 181	KFKFGFRENKIDETFGIPEDFD UC2 F G + N+I IPED D
30	Sbjet: 183	-FDMGADTNQIREYCSIPEDLD 203